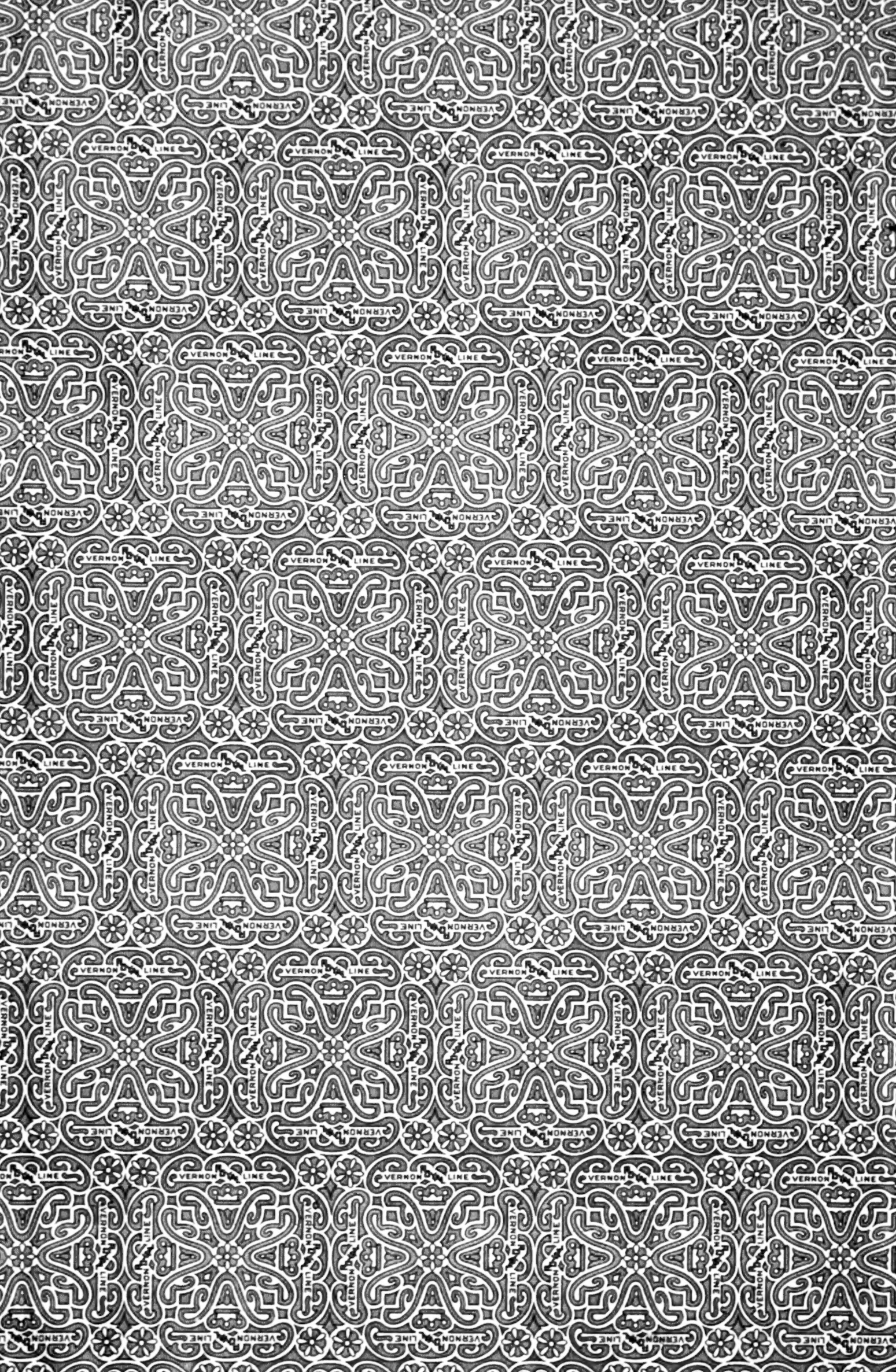

VERNON LINE

No. 1-13 Date 1X/58

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	5.6	61.6	28.0
2	5.6	67.2	~~24~~ 25.2
3	5.6	64.4	33.6
4	5.6	56.0	22.4
5	5.6	50.4	19.6
6	8.4	47.6	19.6
7	5.6	58.8	25.2
8	5.6	47.6	19.6
9	5.6	50.4	22.4
10	5.6	64.4	28.0
T	58.8	568.4	243.6
$\bar{x}$	5.8	56.8	24.4

Sertoli Cells: —

Remarks: more epididymis (?) than testis visible; I C cell nuclei large & round E = 8.4μ ① tubules scattered, much connective tiss. (also a lot of c.t. in testis)

No. _____ Date _____

Spermatogenic Condition _____

Interstitial Cell nucleus diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
I		
X		

Sertoli Cells: _____

Remarks: _____

No. 1-15 Date I/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2.8	126.0	61.6
2	5.6	106.4	53.2
3	2.8	98.0	42.0
4	5.6	100.8	44.8
5	5.6	72.8	30.8
6	5.6	72.8	39.2
7			
8			
9			
10			
T	28.0	576.8	271.6
$\bar{x}$	4.7	96.1	45.3

Sertoli Cells: —

Remarks: most cells of = size, no epithel. testis capsule gives appearance of whole structure being crenated; I C cells have very irregular nuclei

No. _____ Date _____

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
X		

Sertoli Cells: _____

Remarks: _____

P

No. 1-16 Date I/59

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	~~78.4~~ 126.0	~~36.4~~ 58.5
2	~~89.6~~ 144.0	~~44.8~~ 72.0
3	~~84.0~~ 135.0	~~42.0~~ 67.5
4	162.4	44.8
5	170.8	84.0
6	145.6	70.0
7	145.6	70.0
8	140.0	70.0
9	154.0	84.0
10	112.0	50.4
T	1435.4	671.2
$\bar{x}$	143.5	67.1

Sertoli Cells:

Remarks: all stages of division w/ no lumen
large cell w/ nucleus of 11.2μ - ?

E = 14.0μ ①

No. _____ Date _____

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
	M.	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
M		
M		

Sertoli Cells: _____

Remarks: _____

No. 1-19 Date IIb/59

Spermatogenic Condition 3 ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	140.0	56.0
2	109.2	56.0
3	120.4	47.6
4	126.0	42.0
5	154.0	61.6
6	131.6	61.6
7	128.8	56.0
8	126.0	61.6
9	114.8	53.2
10	120.4	47.6
T	1271.2	543.2
$\bar{x}$	127.1	54.3

Sertoli Cells: —

Remarks: cell boundaries indistinct

E = 14.0 μ ①

Switched to Sequence

No. 1-31 Date 10/59

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	49 - 161.7	20 - 66.0
2	52 171.6	12 39.6
3	65 214.5	21 69.3
4		
5		
6		
7		
8		
9		
10		
T	547.8	174.9
$\bar{x}$	182.6	58.3

Sertoli Cells: seen

Remarks:

E: 16.8 μ (5) Tubule contains what look like interstitial material

No. 1-22 Date 10/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	60 - 198.0	
2	55 181.5	
3	60 198.0	
4	70 231.0	
5	58 191.4	
6	61 201.3	
7	57 188.1	
8	51 168.3	
9	58 191.4	
10	56 184.8	
T	1933.8	
$\bar{x}$	193.4	

Sertoli Cells: seen

Remarks: spermatids visible in some tubules; tissue torn

E = 35.0 μ (1)

No. 1-23 Date 1/59

Spermatogenic Condition 7 ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	60 - 198.0	15 - 49.5
2	48 158.4	11 36.3
3	55 181.5	8 26.4
4	60 198.0	16 52.8
5	46 151.8	12 39.6
6	52 171.6	9 29.7
7	44 145.2	13 42.9
8		
9		
10		
T	1204.5	277.2
$\bar{x}$	172.0	39.6

Sertoli Cells: seen

Remarks: Tunica separated from tubules possibly a 5

P

No. 1-24 Date V/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	55 - 181.5	12 - 39.6
2	62 204.6	18 59.4
3	54 178.2	17 56.1
4	49 161.7	9 29.7
5	50 165.0	15 49.5
6	56 184.8	14 46.2
7	51 168.3	11 36.3
8	56 184.8	6 19.8
9	48 158.4	10 33.0
10	66 217.8	8 26.4
T	1805.1	396.0
$\bar{x}$	180.5	39.6

Sertoli Cells: clear

Remarks: some debris in some lumens; sperm in lumina appear to be spermatids

No. 1-25 Date 11/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	75	247.5	16	52.8
2	70	231.0	20	66.0
3	77	254.1	25	82.5
4	67	221.1	21	69.3
5	75	247.5	13	42.9
6	86	283.8	22	72.6
7	82	270.6	18	59.4
8	74	244.2	15	49.5
9	80	264.0	16	52.8
10	73	240.9	20	66.0
T		2504.7		613.8
$\bar{x}$		250.5		61.4

Sertoli Cells: seen

Remarks: abnormal, metamorphosing spermatids, debris in lumina

No. 1-29 Date 01/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	54 - 178.2	15 - 49.5
2	47 155.1	10 33.0
3	64 211.2	14 46.2
4	51 168.3	9 29.7
5	61 201.3	20 66.0
6	59 194.7	10 33.0
7	52 171.6	15 49.5
8	53 174.9	15 49.5
9	57 188.1	15 49.5
10	~~Ha~~ 56 184.8	16 52.8
T	1828.2	458.7
$\bar{x}$	182.8	45.9

Sertoli Cells: seen

Remarks:

No. 1-30 Date 01/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	64 - 211.2	16 - 52.8
2	50 165.0	16 52.8
3	58 191.4	20 66.0
4	53 174.9	16 52.8
5	40 132.0	10 33.0
6	42 138.6	10 33.0
7	53 174.9	11 36.3
8	53 174.9	18 59.4
9	42 138.6	11 36.3
10	56 184.8	18 59.4
T	1686.3	481.8
$\bar{x}$	168.6	48.2

Sertoli Cells: seen

Remarks:

No. 1-31 Date 01/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (3)	Seminiferous epith. height
1	15 - 49.5	
2	18 59.4	
3	19 62.7	
4	16 52.8	
5	15 49.5	
6		
7		
8		
9		
10		
T	273.9	
$\bar{x}$	54.8	

Sertoli Cells: seen

Remarks:

No. 1-3.4 Date 11/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	52	171.6	15	49.5
2	48	158.4	11	36.3
3	58	191.4	8	26.4
4	45	148.5	13	42.9
5	70	231.0	13	42.9
6	55	181.5	10	33.0
7	77	254.1	17	56.1
8	50	165.0	10	33.0
9				
10				
T		1501.5		320.1
$\bar{x}$		187.6		40.0

Sertoli Cells: seen

Remarks:

No. 1-35 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	67 - 221.1	10 - 33.0
2	58 191.4	12 39.6
3	51 168.3	15 49.5
4	41 135.3	14 46.2
5	49 161.7	15 49.5
6	55 181.5	17 56.1
7	58 191.4	17 56.1
8	47 155.1	13 42.9
9	40 132.0	11 36.3
10	53 174.9	10 33.0
T	1712.7	442.2
$\bar{x}$	171.3	44.2

Sertoli Cells: open

Remarks:

No. 1-36 Date 4/1/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	46 - 158.4	10 - 33.0
2	46 151.8	10 33.0
3	39 128.7	9 29.7
4	37 122.1	11 36.3
5	38 125.4	5 16.5
6	38 125.4	13 42.9
7	51 168.3	17 56.1
8	55 181.5	9 29.7
9	46 151.8	10 33.0
10	43 141.9	7 23.1
T	1455.3	333.3
$\bar{x}$	145.5	33.3

Sertoli Cells: Clear

Remarks:

No. 1-37 Date VII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	12 ~~56.1~~ 35.7	
2	16 ~~52.8~~ 33.6	
3	18 ~~59.4~~ 37.8	
4	17 ~~56.1~~ 35.7	
5	12 ~~39.6~~ 25.2	
6	14 ~~46.2~~ 29.4	
7	15 ~~49.5~~ 31.5	
8	15 ~~49.5~~ 31.5	
9	15 31.5	
10	16 33.6	
T	325.5	
$\bar{x}$	32.6	

Sertoli Cells: Seen

Remarks:

No. 1-38 Date 11/6/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	78 - 240.9	8 - 26.4
2	52 171.6	10 33.0
3	45 148.5	10 33.0
4	51 168.3	15 49.5
5	53 174.9	5 16.5
6	55 181.5	18 59.4
7	46 151.8	14 46.2
8	58 191.4	13 42.9
9	56 184.8	16 52.8
10	49 161.7	10 33.0
T	1775.4	392.7
$\bar{x}$	177.5	39.3

Sertoli Cells: seen

Remarks:

No. 1-39 Date Oct/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	30 - 99.0	
2	28 92.4	
3	35 115.5	
4	31 102.3	
5	35 115.5	
6	37 122.1	
7	35 115.5	
8	35 115.5	
9	27 89.1	
10	29 95.7	
T	1062.6	
$\bar{x}$	106.3	

Sertoli Cells: seen

Remarks:

No. 1-41 Date [illegible]

Spermatogenic Condition [illegible] 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	11 - 36.3	
2	14 46.2	
3	14 46.2	
4	11 36.3	
5	12 39.6	
6	13 42.9	
7	16 52.8	
8	12 39.6	
9	14 46.2	
10	14 46.2	
T	432.3	
$\bar{x}$	43.2	

Sertoli Cells: seen

Remarks:

No. 1-42 Date 4/6/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	12 - 39.6	
2	12 36.6	
3	14 46.2	
4	12 39.6	
5	10 33.0	
6	11 36.3	
7	11 36.3	
8	12 39.6	
9	13 42.9	
10	11 36.3	
T	386.4	
$\bar{x}$	38.6	

Sertoli Cells: Seen

Remarks:

No. 1-43 Date 1/1/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1	9	29.7	
2	12	39.6	
3	11	36.3	
4	11	36.3	
5	11	36.3	
6	10	33.0	
7	10	33.0	
8	13	42.9	
9	13	42.9	
10	9	29.7	
T		359.7	
$\bar{x}$		36.0	

Sertoli Cells: seen

Remarks:

No. 1-44 Date VII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	12 - 39.6	
2	12 39.6	
3	13 42.9	
4	16 52.8	
5	11 36.3	
6	12 39.6	
7	13 42.9	
8	12 39.6	
9	14 46.2	
10	13 42.9	
T	422.4	
$\bar{x}$	42.2	

Sertoli Cells: seen

Remarks:

No. 1-45 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	26 - 85.8	8 - 26.4
2	35 115.5	9 29.7
3	33 108.9	8 26.4
4	37 122.1	10 33.0
5	34 112.2	7 23.1
6	31 102.3	8 26.4
7	25 82.5	7 23.1
8	33 108.9	11 36.3
9	36 118.8	6 19.8
10	30 99.0	7 23.1
T	1056.0	267.3
$\bar{x}$	105.6	26.7

Sertoli Cells: none

Remarks:

No. 1-51 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	54	178.2	19	62.7
2	52	171.6	14	46.2
3	65	214.5	8	26.4
4	54	178.2	10	33.0
5	55	181.5	12	39.6
6	51	168.3	11	36.3
7	62	204.6	10	33.0
8	50	165.0	11	36.3
9	68	224.4	12	39.6
10	55	181.5	10	33.0
T		1867.8		386.1
$\bar{x}$		186.8		38.6

Sertoli Cells: seen

Remarks:

No. 1-55 Date 011/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	63	207.9	12	39.6
2	70	231.0	7	23.1
3	68	224.4	15	49.5
4	56	184.8	6	19.8
5	49	161.7	12	39.6
6	70	231.0	10	33.0
7	54	178.2	18	59.4
8	70	231.0	17	56.1
9	49	161.7	10	33.0
10	48	158.4	8	26.4
T		1970.1		379.5
$\bar{x}$		197.0		38.0

Sertoli Cells: seen

Remarks:

No. 1-56 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	59 - 194.7	6 - 19.8
2	47 155.1	12 39.6
3	45 148.5	8 26.4
4	45 148.5	6 19.8
5	38 125.4	9 29.7
6	40 132.0	7 23.1
7	36 118.8	8 26.4
8	40 132.0	8 26.4
9	31 102.3	10 33.0
10	59 194.7	6 19.8
T	1452.0	264.0
$\bar{x}$	145.2	26.4

Sertoli Cells: Seen

Remarks:

E= 33.0 μ

(4)

No. 1-57 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	9 - 29.7
2	51 168.3	14 46.2
3	63 207.9	12 39.6
4	67 221.1	12 39.6
5	58 191.4	11 36.3
6	63 207.9	10 33.0
7	63 207.9	12 39.6
8	60 198.0	22 72.6
9	55 181.5	19 62.7
10	53 174.9	13 42.9
T	1930.5	442.2
$\bar{x}$	193.0	44.2

Sertoli Cells: seen

Remarks: s.t.c in lumen of tubule

No. 1-59 Date VII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	47 - 155.1	16 - 52.8
2	68 224.4	14 46.2
3	54 178.2	14 46.2
4	68 224.4	16 52.8
5	59 194.7	12 39.6
6	57 188.1	11 36.3
7	60 198.0	6 19.8
8	48 158.4	14 46.2
9	53 174.9	15 49.5
10	55 181.5	10 33.0
T	1877.7	422.4
$\bar{x}$	187.8	42.2

Sertoli Cells: seen

Remarks:

No. 1-61 Date VII/59

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	17 - 56.1	
2	13 42.9	
3	15 49.5	
4	15 49.5	
5	14 46.2	
6	25 82.5	
7	25 82.5	
8	23 75.9	
9	25 82.5	
10	22 72.6	
T	640.2	
$\bar{x}$	64.0	

Sertoli Cells: seen

Remarks:

No. 1-62 Date VII 6/59

Spermatogenic Condition (2) 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	64	201.3	12	39.6
2	63	207.9	16	52.8
3	57	188.1	12	39.6
4	58	191.4	4	13.2
5	40	132.0	10	33.0
6	56	184.8	7	23.1
7	62	204.6	15	49.5
8	44	145.2	11	36.3
9	54	178.2	10	33.0
10	55	181.5	8	26.4
T		1815.0		346.5
$\bar{x}$		181.5		34.6

Sertoli Cells: seen

Remarks:

No. 1-63 Date 11/1/59

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	21 - 69.3	
2	18 59.4	
3	24 79.2	
4	29 95.7	
5	30 99.0	
6	26 85.8	
7	19 62.7	
8	24 79.2	
9	30 99.0	
10	26 85.8	
T	815.1	
$\bar{x}$	81.5	

Sertoli Cells: Seen

Remarks:

No. 1-66 Date 4/1/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	24 - 79.2	
2	27 89.1	
3	18 59.4	
4	21 69.3	
5	20 66.0	
6	22 72.6	
7	20 66.0	
8	17 56.1	
9	23 75.9	
10	19 62.7	
T	696.3	
$\bar{x}$	69.6	

Sertoli Cells: none

Remarks:

$\bar{E}$ = 13.2 μ

No. 1-6.7 Date VIII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	5 - 16.5
2	36 118.8	6 19.8
3	32 105.6	7 23.1
4	33 108.9	6 19.8
5	36 118.8	7 23.1
6	33 108.9	6 19.8
7	42 138.6	6 19.8
8	39 128.7	6 19.8
9	40 132.0	10 33.0
10	28 92.4	7 23.1
T	1211.1	217.8
$\bar{x}$	121.1	21.8

Sertoli Cells: seen

Remarks:

No. 1-68 Date Vid 7/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	42	138.6	9	29.7
2	44	145.2	4	13.2
3	50	165.0	10	33.0
4	54	178.2	7	23.1
5	56	184.8	8	26.4
6	42	138.6	6	19.8
7	41	135.3	4	13.2
8	39	128.7	10	33.0
9	40	132.0	8	26.4
10	35	115.5	10	33.0
T		1461.9		250.8
$\bar{x}$		146.2		25.1

Sertoli Cells: seen

Remarks:

E = 23.1 μ

(3)

No. 1-69 Date VIII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	13 - 42.9	
2	12 39.6	
3	12 39.6	
4	13 42.9	
5	12 39.6	
6	11 36.3	
7	12 39.6	
8	13 42.9	
9	13 42.9	
10	12 39.6	
T	405.9	
$\bar{x}$	40.6	

Sertoli Cells: seen

Remarks:

No. 1-70 Date VIII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	11 - 36.3
2	52 171.6	8 26.4
3	46 151.8	5 16.5
4	43 141.9	10 33.0
5	40 132.0	6 19.8
6	50 165.0	8 26.4
7	52 171.6	12 39.6
8	50 165.0	11 36.3
9	50 165.0	11 36.3
10	52 171.6	15 49.5
T	1593.9	320.1
$\bar{x}$	159.4	32.0

Sertoli Cells: seen

Remarks:

No. 1-71 Date VIII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	35 - 115.5	6 - 19.8
2	33 108.9	7 23.1
3	31 102.3	8 26.4
4	31 102.3	10 33.0
5	25 82.5	5 16.5
6	33 108.9	7 23.1
7	34 112.2	7 23.1
8	24 79.2	25 82.5
9	37 122.1	15 49.5
10	31 102.3	10 33.0
T	1036.2	330.0
$\bar{x}$	103.6	33.0

Sertoli Cells: seen

Remarks:

No. 1-72 Date VIII/59

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	10 - 33.0
2	50 165.0	5 16.5
3	40 132.0	8 26.4
4	45 148.5	6 19.8
5	47 155.1	11 36.3
6		
7		
8		
9		
10		
T	732.6	132.0
$\bar{x}$	146.5	26.4

Sertoli Cells: clear

Remarks:

E = 19.8 μ

No. 1-7.4 Date 4/6/59

Spermatogenic Condition of testis 8

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28 - 92.4	
2	26 85.8	
3	28 92.4	
4	27 89.1	
5	25 82.5	
6	25 82.5	
7	35 115.5	
8	34 112.2	
9	29 95.7	
10	30 99.0	
T	947.1	
$\bar{x}$	94.7	

Sertoli Cells: seen

Remarks:

E = 36.3 μ

(2)

No. 1-75 Date VIII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks: very small piece of testis on slide

No. 1-77 Date Oct/59

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis on slide

No. 1-79 Date Nov 11/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no testis on slide

E = x 6.4 μ

(2)

No. 1-8.1 Date VIII/59

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25 82.5	
2	24 79.2	
3	27 89.1	
4	28 92.4	
5	21 69.3	
6	28 92.4	
7	25 82.5	
8	26 85.8	
9	27 89.1	
10	24 79.2	
T	841.5	
$\bar{x}$	84.2	

Sertoli Cells: seen

Remarks:

E = 16.5 μ

3

No. 1-82 Date VIII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height
1	14	46.2	
2	13	42.9	
3	14	46.2	
4	15	49.5	
5	14	46.2	
6	16	52.8	
7	13	42.9	
8	13	42.9	
9	14	46.2	
10	14	46.2	
	15	49.5	
T		511.5	
$\bar{x}$		46.5	

Sertoli Cells: seen

Remarks:

No. 1-87 Date VIII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	11 – 36.3	
2	11 36.3	
3	10 33.0	
4	13 42.9	
5	10 33.0	
6	11 36.3	
7	8 26.4	
8	8 26.4	
9	9 29.7	
10	11 36.3	
T	336.6	
$\bar{x}$	33.7	

Sertoli Cells: none

Remarks:

No. 1-88 Date VIII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	10 - 33.0	
2	10 33.0	
3	9 29.7	
4	8 26.4	
5	10 33.0	
6	9 29.7	
7	10 33.0	
8	9 29.7	
9	8 26.4	
10	10 33.0	
T	306.9	
$\bar{x}$	30.7	

Sertoli Cells: seen

Remarks:

No. 1-89 Date VIII/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	9 - 29.7	
2	11 36.3	
3	12 39.6	
4	11 36.3	
5	11 36.3	
6	10 33.0	
7	11 36.3	
8	10 33.0	
9	10 33.0	
10	12 39.6	
T	353.1	
$\bar{x}$	35.3	

Sertoli Cells: seen

Remarks:

No. 1-90 Date VIII/59

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	21 - 69.3	
2	22 72.6	
3	24 79.2	
4	18 59.4	
5	20 66.0	
6	18 59.4	
7	25 82.5	
8	18 59.4	
9	21 69.3	
10	20 66.0	
T	683.1	
$\bar{x}$	68.3	

Sertoli Cells: seen

Remarks:

No. 1-91 Date 11/60

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	44	145.2	15	49.5
2	51	168.3	15	49.5
3	53	174.9	13	42.9
4	54	178.2	11	36.3
5	47	155.1	13	42.9
6	51	168.3	10	33.0
7	45	148.5	13	42.9
8	48	158.4	16	52.8
9	44	145.2	13	42.9
10	54	178.2	14	46.2
T		1620.3		438.9
$\bar{x}$		162.0		43.9

Sertoli Cells: not seen

Remarks:

No. 1-93 Date 1/11/60

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	65 - 214.5	21 - 69.3
2	65 214.5	20 66.0
3	67 221.1	24 79.2
4	52 171.6	18 59.4
5	65 214 5	20 66.0
6	58 191.4	20 66.0
7	65 214.5	24 79.2
8		
9		
10		
T	1442.1	485.1
$\bar{x}$	206.0	69.3

Sertoli Cells: not seen

Remarks:

No. 1-94 Date 11/60

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	39 — 128.7	10 — 33.0
2	40 132.0	11 36.3
3	46 151.8	17 56.1
4	45 148.5	14 46.2
5	50 165.0	14 46.2
6	51 168.3	21 69.3
7	36 118.8	11 36.3
8	46 151.8	14 46.2
9	46 151.8	18 59.4
10	50 165.0	15 49.5
T	1481.7	478.5
$\bar{x}$	148.2	47.8

Sertoli Cells: seen

Remarks:

E = 23.1 μ (1)

No. 1-97 Date 16/60

Spermatogenic Condition (2) 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
	70 - 231.0	15 - 49.5
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T	231.0	49.5
$\bar{x}$		

Sertoli Cells: not seen

Remarks: tissue shredded; few intact tubules

No. 1-9.8 Date 1 Nov 60

Spermatogenic Condition of testis 9

	Interstitial Cell nuclear diam. (3)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	4 - 8.4	33 - 108.9	
2	3 6.3	25 82.5	
3	3 6.3	30 99.0	
4	3 6.3	24 79.2	
5		21 69.3	
6		28 92.4	
7		22 72.6	
8		23 75.9	
9			
10			
T	27.3	679.8	
$\bar{x}$	6.8	85.0	

Sertoli Cells: seen

Remarks:

No. 1-104 Date 1/61

Spermatogenic Condition (2) 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	38 - 125.4	
2	60 198.0	
3	54 178.2	
4	57 188.1	
5	63 207.9	
6	45 - 148.5	
7	58 191.4	
8	59 194.7	
9	55 181.5	
10	44 145.2	
T	1758.9	
$\bar{x}$	175.9	

Sertoli Cells: seen

Remarks:

No. 1-107 Date 1/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	23 - 75.9	
2	22 72.6	
3	39 128.7	
4	21 69.3	
5	22 72.6	
6	19 62.7	
7	26 85.8	
8	28 92.4	
9	25 82.5	
10	27 89.1	
T	831.6	
$\bar{x}$	83.2	

Sertoli Cells: seen

Remarks:

No. 1-10.8 Date 1d 61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	38. - 125.4	
2	36 118.8	
3	33 108.9	
4	35 115.5	
5	37 122.1	
6	41 135.3	
7	35 115.5	
8	44 145.2	
9	45 148.5	
10	42 138.6	
T	1273.8	
$\bar{x}$	127.4	

Sertoli Cells: seen

Remarks: large intertubular spaces

E = 19.8μ

No. 1-109 Date 1-6/62

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	65 - 214.5	17 - 56.1
2	38 125.4	9 29.7
3	59 194.7	10 33.0
4	40 132.0	10 33.0
5	46 151.8	11 36.3
6	43 141.9	18 59.4
7	44 145.2	12 39.6
8	49 161.7	10 33.0
9	43 141.9	12 39.6
10	37 122.1	9 29.7
T	1531.2	389.4
$\bar{x}$	153.1	38.9

Sertoli Cells: seen

Remarks: many in stage 9

No. 1-110 Date 11/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	
2	58 191.4	
3	60 198.0	
4	50 165.0	
5	47 155.1	
6	44 145.2	
7	46 151.8	
8	49 161.7	
9	46 151.8	
10	37 122.1	
T	1623.6	
$\bar{x}$	162.4	

Sertoli Cells: seen

Remarks:

No. 1-111 Date 11/6/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 · 112.2	
2	40 132.0	
3	32 105.6	
4	34 112.2	
5	31 102.3	
6	40 132.0	
7	35 115.5	
8	27 89.1	
9	29 95.7	
10	26 85.8	
T	1082.4	
$\bar{x}$	108.2	

Sertoli Cells: seen

Remarks: many cells in division

No. 1-112 Date 11/9/61

Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	17 - 56.1
2	39 128.7	15 49.5
3	29 95.7	11 36.3
4	37 122.1	12 39.6
5	36 118.8	10 33.0
6	53 174.9	23 75.9
7	37 122.1	14 46.2
8		
9		
10		
T	917.4	336.6
$\bar{x}$	131.0	48.1

Sertoli Cells:

Remarks: stain very light

E = 16.5 μ

1

No. 1-113 Date 11/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	32 105.6	
2	37 122.1	
3	33 108.9	
4	35 115.5	
5	36 118.8	
6	37 122.1	
7	42 138.6	
8	48 158.4	
9	45 148.5	
10	49 161.7	
T	1300.2	
$\bar{x}$	130.0	

Sertoli Cells: seen

Remarks:

No. 1-114 Date 11/61

Spermatogenic Condition 4

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	54	178.2	15	49.5
2	50	165.0	12	39.6
3	62	204.6	20	66.0
4	52	171.6	12	39.6
5	52	171.6	14	46.2
6	55	181.5	13	42.9
7	56	184.8	16	52.8
8	44	145.2	15	49.5
9	53	174.9	14	46.2
10	54	178.2	18	59.4
T		1755.6		491.7
$\bar{x}$		175.6		49.2

Sertoli Cells: seen

Remarks:

$\bar{E}$ = 16.5 μ (1)

No. 1-11.5 Date 1/6/61

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	10 - 33.0
2	44 145.2	11 36.3
3	35 115.5	13 42.9
4	37 122.1	10 33.0
5	32 105.6	10 33.0
6	33 108.9	11 36.3
7		
8		
9		
10		
T	729.3	214.5
$\bar{x}$	121.6	35.8

Sertoli Cells: seen

Remarks:

E = 19.8 μ

1

No. 1-11.7 Date 11/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	45	148.5	15	49.5
2	52	171.6	20	66.0
3	49	161.7	20	66.0
4	50	165.0	18	59.4
5	45	148.5	16	52.8
6	46	151.8	20	66.0
7	50	165.0	17	56.1
8	51	168.3	16	52.8
9				
10				
T		1280.4		468.6
$\bar{x}$		128.0		58.6

Sertoli Cells: not seen

Remarks:

No. 1-118 Date 1/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	12 - 39.6
2	48 158.4	13 42.9
3	42 138.6	14 46.2
4	50 165.0	15 49.5
5	44 145.2	18 59.4
6	48 158.4	16 52.8
7	49 161.7	12 39.6
8	63 207.9	15 49.5
9	68 224.4	21 69.3
10	52 171.6	21 69.3
T	1683.0	518.1
$\bar{x}$	168.3	51.8

Sertoli Cells: seen

Remarks:

E=16.5μ

(1)

No. 1-119 Date 11/6/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	
2	43 141.9	
3	39 128.7	
4	35 115.5	
5	28 92.4	
6	30 99.0	
7	42 138.6	
8	43 141.9	
9	43 141.9	
10	41 135.3	
T	1287.0	
$\bar{x}$	128.7	

Sertoli Cells: seen

Remarks: some at stages 4 & 5 but w/ no lumens

$\bar{x}$ = 16.8 μ

No. 1-121 Date 11/6/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	19 62.7	
2	18 59.4	
3	15 49.5	
4	15 49.5	
5	13 42.9	
6	14 46.2	
7	12 39.6	
8	15 49.5	
9	16 52.8	
10	15 49.5	
T	501.6	
$\bar{x}$	50.2	

Sertoli Cells: seen

Remarks: stain faint

No. 1-122 Date 1/6/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	43 - 141.9	11 - 36.3
2	42 135.6	16 52.8
3	42 138.6	11 36.3
4	30 99.0	9 29.7
5	43 141.9	14 46.2
6	36 118.8	15 49.5
7	46 151.8	15 49.5
8	46 151.8	11 36.3
9	37 122.1	13 42.9
10	39 128.7	14 46.2
T	1333.2	425.7.0
$\bar{x}$	133.3	42.6

Sertoli Cells: seen

Remarks:

No. 1-124 Date III/61

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	30	99.0	10	33.0
2	30	99.0	10	33.0
3	31	102.3	10	33.0
4	30	99.0	10	33.0
5	33	108.9	12	39.6
6	30	99.0	8	26.4
7	26	85.8	7	23.1
8	25	82.5	7	23.1
9	33	108.9	10	33.0
10	29	95.7	12	39.6
T		980.1		316.8
$\bar{x}$		98.0		31.7

Sertoli Cells: scen

Remarks: doesn't look like adult

F = 19.8 μ

(1)

No. 1-125 Date 1/1/61

Spermatogenic Condition 3 ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	43	141.9	18	59.4
2	40	132.0	13	42.9
3	43	141.9	15	49.5
4	42	138.6	13	42.9
5	45	148.5	20	66.0
6	43	141.9	14	46.2
7	35	115.5	14	46.2
8	33	108.9	12	39.6
9	45	148.5	15	49.5
10	43	141.9	18	59.4
T		1359.6		501.6
$\bar{x}$		136.0		50.2

Sertoli Cells: seen

Remarks:

No. 1-127 Date 11/5/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	38 - 125.4	14 - 46.2
2	42 138.6	12 39.6
3	48 158.4	9 29.7
4	57 188.1	15 49.5
5	51 168.3	10 33.0
6	47 155.1	15 49.5
7	41 135.3	11 36.3
8	45 148.5	10 33.0
9	49 161.7	9 29.7
10	38 125.4	13 42.9
T	1504.9	389.4
$\bar{x}$	150.5	38.9

Sertoli Cells: not seen

Remarks:

E= 16.5 μ

(1)

No. 1-128 Date 11/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	40 - 132.0	10 - 33.0
2	31 102.3	12 39.6
3	35 115.5	11 36.3
4	34 112.2	10 33.0
5		
6		
7		
8		
9		
10		
T	462.0	141.9
$\bar{x}$	115.5	35.5

Sertoli Cells: seen

Remarks:

$\bar{E}$ = 19.8 μ (1)

No. 1-131 Date 11/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: stain faint

No. 1-132 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	43 - 141.9	5 - 16.5
2	53 174.9	12 39.6
3	67 221.1	10 33.0
4	43 141.9	10 33.0
5	50 165.0	10 33.0
6	48 158.4	10 33.0
7	49 161.7	12 39.6
8		
9		
10		
T	1164.9	227.7
$\bar{x}$	166.4	32.5

Sertoli Cells: not seen

Remarks: some debris in tubules

E = 330μ

(3)

No. 1-135 Date 11/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	44 - 145.2	8 - 26.4
2	54 178.2	13 42.9
3	45 148.5	12 39.6
4	43 141.9	12 39.6
5	45 148.5	18 59.4
6	52 171.6	12 39.6
7	56 184.8	13 42.9
8		
9		
10		
T	1118.7	290.4
$\bar{x}$	159.8	41.5

Sertoli Cells: not seen

Remarks:

E= 29.7 μ

(1)

No. 1-134 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	56	184.8	22	72.6
2	55	181.5	16	52.8
3	61	201.3	15	49.5
4	46	151.8	10	33.0
5	58	191.4	10	33.0
6	88	290.4	14	46.2
7	57	188.1	10	33.0
8	56	184.8	16	52.8
9	46	151.8	8	26.4
10	56	184.8	12	39.6
T		1910.7		438.9
$\bar{x}$		191.1		43.9

Sertoli Cells: seen

Remarks:

$\bar{E}$=39.6μ (4)

No. 1-137 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	69 - 227.7	20 - 66.0
2	64 211.2	14 46.2
3	58 191.4	19 62.7
4	55 181.5	10 33.0
5	70 231.0	21 69.3
6		
7		
8		
9		
10		
T	1042.8	277.2
$\bar{x}$	208.5	55.4

Sertoli Cells: not seen

Remarks: tissue badly torn

E = 23.1 μ (2)

No. 1-138 Date 10/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	19 - 62.7	
2	22 72.6	
3	19 62.7	
4	18 59.4	
5	23 75.9	
6	23 75.9	
7	22 72.6	
8	20 66.0	
9	25 82.5	
10	25 82.5	
T	712.8	
$\bar{x}$	71.3	

Sertoli Cells: seen

Remarks:

No. 1-139 Date 10/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	18 — 59.4	
2	20 66.0	
3	21 69.3	
4	21 69.3	
5	21 69.3	
6	22 72.6	
7	20 66.0	
8	23 75.9	
9	21 69.3	
10	21 69.3	
T	686.4	
$\bar{x}$	68.6	

Sertoli Cells: Seen

Remarks:

No. 1-140 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	42 - 138.6	10 - 33.0
2	37 122.1	9 29.7
3	40 132.0	13 42.9
4	43 141.9	10 33.0
5	36 118.8	10 33.0
6	40 132.0	11 36.3
7	40 132.0	11 36.3
8	41 135.3	11 36.3
9	42 138.6	10 33.0
10	36 118.8	11 36.3
T	1310.1	349.8
$\bar{x}$	131.0	35.0

Sertoli Cells: seen

Remarks:

No. 1-141 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	31 - 102.3	9 - 29.7
2	31 102.3	10 33.0
3	25 82.5	9 29.7
4	29 95.7	10 33.0
5	28 92.4	9 29.7
6	28 92.4	10 33.0
7	32 105.6	11 36.3
8	29 95.7	10 33.0
9	24 79.2	11 36.3
10	25 82.5	8 26.4
T	930.6	320.1
$\bar{x}$	93.1	32.0

Sertoli Cells: seen

Remarks:

$\bar{t} = 9.9\ \mu$ (1)

No. 1-142 Date 10/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	36 - 118.8	9 - 29.7
2	34 112.2	11 36.3
3	35 115.5	10 33.0
4	37 122.1	10 33.0
5	36 118.8	12 39.6
6	41 135.3	15 49.5
7	41 135.3	11 36.3
8	36 118.8	13 42.9
9	43 141.9	12 39.6
10	35 115.5	11 36.3
T	1234.2	376.2
$\bar{x}$	123.4	37.6

Sertoli Cells: seen

Remarks:

E = 9.9 μ

(1)

No. 1-144 Date 12/61

Spermatogenic Condition (2) 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: not seen

Remarks: tissue shredded

E 13.2 μ (2)

No. 1-146 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	14 - 46.2
2	43 141.9	10 33.0
3	40 132.0	11 36.3
4	50 165.0	10 33.0
5	62 204.6	18 59.4
6	54 178.2	12 39.6
7		
8		
9		
10		
T	993.3	247.5
$\bar{x}$	165.6	41.2

Sertoli Cells: not seen

Remarks:

E = 13.2 μ

(1)

No. 1-148 Date 11/6/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	19 - 62.7	
2	20 66.0	
3	19 62.7	
4	20 66.0	
5	25 82.5	
6	20 66.0	
7	20 66.0	
8	19 62.7	
9	21 69.3	
10	21 69.3	
T	673.2	
$\bar{x}$	67.3	

Sertoli Cells: seen

Remarks:

No. 1-149 Date 10/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	17 - 56.1
2	62 204.6	15 49.5
3	59 194.7	14 46.2
4	59 194.7	11 36.3
5	59 194.7	15 49.5
6	60 198.0	19 62.7
7	47 155.1	13 42.9
8	62 204.6	20 66.0
9	55 181.5	20 66.0
10	73 240.9	25 82.5
T	1950.3	557.7
$\bar{x}$	195.0	55.8

Sertoli Cells: seen

Remarks:

No. 1-150 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: tissue shredded

E = 19.8 μ

(3)

No. 1-751 Date 1/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	51 - 168.3	10 - 33.0
2	46 151.8	10 33.0
3	48 158.4	7 23.1
4	47 155.1	8 26.4
5	40 132.0	8 26.4
6	42 138.6	10 33.0
7	50 165.0	10 33.0
8	60 198.0	17 56.1
9	42 138.6	10 33.0
10	45 148.5	10 33.0
T	1554.3	330.0
$\bar{x}$	155.4	33.0

Sertoli Cells: seen

Remarks: large intertubular spaces

E = 26.4 μ

2

No. _____

Spermatogenic Cycle of _____

Interstitial Cell nucleus diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
I		
M		

Serial Cells: _____

Remarks: _____

No. 1-15.4 Date 1/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	56	184.8	10	33.0
2	47	155.1	10	33.0
3	46	151.8	11	36.3
4	50	165.0	7	23.1
5	49	161.7	13	42.9
6	50	165.0	15	49.5
7	51	168.3	10	33.0
8	51	168.3	12	39.6
9	52	171.6	8	26.4
10	53	174.9	10	33.0
T		1666.5		349.8
$\bar{x}$		166.6		35.0

Sertoli Cells: seen

Remarks: debris in some tubules

E = 26.4 μ

3

No. 1-155 Date 1/6/61

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	9 - 29.7
2	34 112.2	7 23.1
3	34 112.2	11 36.3
4	39 128.7	8 26.4
5	40 132.0	12 39.6
6	34 112.2	8 26.4
7	35 115.5	12 39.6
8	40 132.0	10 33.0
9	37 122.1	11 36.3
10	41 135.3	6 19.8
T	1234.2	310.2
$\bar{x}$	123.4	31.0

Sertoli Cells: seen

Remarks:

E = 16.5

1

No. 1-158 Date 10/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1	20	66.0	
2	19	62.7	
3	19	62.7	
4	18	59.4	
5	18	59.4	
6	18	59.4	
7	23	75.9	
8	19	62.7	
9	19	62.7	
10	20	66.0	
T	636.9		
$\bar{x}$	63.7		

Sertoli Cells: ~~aleme~~

Remarks: Stain faint

No. 1-15.9 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	63	207.9	16	52.8
2	62	204.6	17	56.1
3	55	181.5	12	39.6
4	52	171.6	12	39.6
5	56	184.8	15	49.5
6	51	168.3	17	56.1
7	53	174.9	10	33.0
8	58	191.4	17	56.1
9	46	151.8	12	39.6
10	72	237.6	26	85.8
T		1874.4		508.2
$\bar{x}$		187.4		50.8

Sertoli Cells: not seen

Remarks:

E = 19.8 μ

No. 1-160 Date 1-6-61

Spermatogenic Condition 5

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	55 - 181.5	13 - 42.9
2	46 151.8	12 39.6
3	40 132.0	10 33.0
4	46 151.8	15 49.5
5	47 155.1	15 49.5
6	68 224.4	13 42.9
7	52 171.6	16 52.8
8	57 188.1	13 42.9
9	55 181.5	10 33.0
10	59 194.7	10 33.0
T	1732.5	419.1
$\bar{x}$	173.2	41.9

Sertoli Cells: seen

Remarks:

E= 16.5 μ

(3)

No. 1-162 Date 0/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	48 - 158.4	10 - 33.0
2	46 151.8	11 36.3
3	44 145.2	10 33.0
4	39 128.7	11 36.3
5	47 155.1	15 49.5
6	56 184.8	11 36.3
7	49 161.7	12 39.6
8	52 171.6	13 42.9
9	40 132.0	8 26.4
10	44 145.2	8 26.4
T	1534.5	359.7
$\bar{x}$	153.4	36.0

Sertoli Cells: seen

Remarks:

E= 3.3.1 μ

(4)

No. 1-143 Date V/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 155.1	9 - 29.7
2	47 155.1	7 23.1
3	48 158.4	10 33.0
4	56 184.8	13 42.9
5	62 204.6	14 46.2
6	60 198.0	10 33.0
7	56 184.8	11 36.3
8	52 171.6	15 49.5
9	52 171.6	10 33.0
10	48 158.4	13 42.9
T	1742.4	369.6
$\bar{x}$	174.2	37.0

Sertoli Cells: not seen

Remarks:

No. 1-165 Date 5/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	18 - 59.4	
2	20 66.0	
3	21 69.3	
4	16 52.8	
5	18 59.4	
6	19 62.7	
7	22 72.6	
8	18 59.4	
9	19 62.7	
10	20 66.0	
T	630.3	
$\bar{x}$	63.0	

Sertoli Cells: seen

Remarks:

No. 1-167 Date V/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	52 - 171.6	12 - 39.6
2	50 165.0	18 59.4
3		
4		
5		
6		
7		
8		
9		
10		
T	336.6	99.0
$\bar{x}$	168.3	49.5

Sertoli Cells: not seen

Remarks: tissue torn & folded

No. 1-168 Date 1/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	37	122.1	6	19.8
2	27	89.1	8	26.4
3	31	102.3	10	33.0
4	37	122.1	10	33.0
5	36	118.8	6	19.8
6	37	122.1	6	19.8
7	33	108.9	9	29.7
8	40	132.0	15	49.5
9	37	122.1	10	33.0
10	38	125.4	10	33.0
T		1164.9		297.0
$\bar{x}$		116.5		29.7

Sertoli Cells: seen

Remarks:

E = 26.4 μ (3)

No. 1-169 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: Stain faint

E = 33.0μ

3

No. 1-173 Date 4/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	56	184.8	9	29.7
2	43	141.9	6	19.8
3	41	135.3	7	23.1
4	48	158.4	10	33.0
5	41	135.3	10	33.0
6	44	145.2	12	39.6
7	44	145.2	11	36.3
8	32	105.6	9	29.7
9	36	118.8	9	29.7
10	35	115.5	5	16.5
T		1386.0		290.4
$\bar{x}$		138.6		29.0

Sertoli Cells: seen

Remarks: large intertubular spaces

E= 26.4 μ

No. 1-175 Date 4/1/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	64	211.2	15	49.5
2	57	188.1	7	23.1
3	42	138.6	8	26.4
4	36	118.8	6	19.8
5	54	178.2	11	36.3
6	43	141.9	9	29.7
7	52	171.6	9	29.7
8	51	168.3	8	26.4
9	46	151.8	6	19.8
10	38	125.4	9	29.7
T		1593.9		290.4
$\bar{x}$		159.4		29.0

Sertoli Cells: seen

Remarks:

E = 19.8 μ

(4)

No. 1-176 Date 4/6/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	43 - 141.9	8 - 26.4
2	39 128.7	6 19.8
3	42 138.6	8 26.4
4	47 155.1	9 29.7
5	48 158.4	8 26.4
6	45 148.5	9 29.7
7	38 125.4	8 26.4
8	33 108.9	10 33.0
9	51 168.3	11 36.3
10	45 148.5	10 33.0
T	1422.3	287.1
$\bar{x}$	142.2	28.7

Sertoli Cells: seen

Remarks: ~~seen~~ large interstitial spaces

$\bar{E}$ = 29.7 μ

(3)

No. 1-177 Date 10/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	40 - 132.0	11 - 36.3
2	46 151.8	6 19.8
3	46 151.8	11 36.3
4	40 132.0	6 19.8
5	39 128.7	10 33.0
6	43 141.9	10 33.0
7	36 118.8	11 36.3
8	45 148.5	5 16.5
9	50 165.0	12 39.6
10	47 155.1	6 19.8
T	1425.6	290.4
$\bar{x}$	142.6	29.0

Sertoli Cells: not seen

Remarks:

E = 29.7 μ

(3)

No. 1-178 Date VI/61

Spermatogenic Condition ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	60	198.0	10	33.0
2	37	122.1	9	29.7
3	31	102.3	11	36.3
4	51	168.3	15	49.5
5	45	148.5	15	49.5
6	52	171.6	14	46.2
7	42	138.6	9	29.7
8	41	135.3	12	39.6
9	49	161.7	18	59.4
10	42	138.6	11	36.3
T		1485.0		409.2
$\bar{x}$		148.5		40.9

Sertoli Cells: seen

Remarks:

E = 23.1 μ

3

No. 1-179 Date VI/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	44 - 145.2	9 - 29.7
2	52 171.6	14 46.2
3		
4		
5		
6		
7		
8		
9		
10		
T	316.8	75.9
$\bar{x}$	158.4	38.0

Sertoli Cells: not seen

Remarks: stain faint

No. 1-180 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: poor slide

No. 1-181 Date 01/61

Spermatogenic Condition ~~8~~ 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	53 - 174.9	14 - 46.2
2		
3		
4		
5		
6		
7		
8		
9		
10		
T	174.9	46.2
$\bar{x}$	174.9	46.2

Sertoli Cells: not seen

Remarks:

No. 1-183 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	57 - 188.1	20 - 66.0
2	43 141.9	11 36.3
3	42 138.6	10 33.0
4	38 125.4	8 26.4
5	37 122.1	12 39.6
6	37 122.1	6 19.8
7	38 125.4	5 16.5
8	30 99.0	8 26.4
9	58 191.4	15 49.5
10	32 105.6	7 23.1
T	1359.6	336.6
$\bar{x}$	136.0	33.7

Sertoli Cells: seen

Remarks:

E= 33.0 μ (3)

No. 1-184 Date VI/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	12 - 39.6
2	50 165.0	10 33.0
3	54 178.2	8 26.4
4	30 99.0	10 33.0
5	42 138.6	10 33.0
6	44 145.2	12 39.6
7	40 132.0	10 33.0
8	41 135.3	8 26.4
9	38 125.4	9 29.7
10	47 155.1	14 46.2
T	1405.8	339.9
$\bar{x}$	140.6	34.0

Sertoli Cells: Seen

Remarks:

No. 1-186 Date VI/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	32	105.6	10	33.0
2	41	135.3	11	36.3
3	39	128.7	10	33.0
4	37	122.1	10	33.0
5	45	148.5	10	33.0
6	39	128.7	12	39.6
7	38	125.4	11	36.3
8	39	128.7	10	33.0
9	48	158.4	15	49.5
10	31	102.3	11	36.3
T		1283.7		363.0
$\bar{x}$		128.4		36.3

Sertoli Cells: seen

Remarks:

No. 1-191 Date Vic/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	47 - 135.3	3 - 9.9
2	52 171.6	8 26.4
3	44 145.2	10 33.0
4	42 138.6	6 19.8
5	43 141.9	5 16.5
6	36 118.8	8 26.4
7	39 128.7	13 42.9
8	48 158.4	8 26.4
9	40 132.0	8 26.4
10	52 171.6	9 29.7
T	1442.1	257.4
$\bar{x}$	144.2	25.7

Sertoli Cells: seen

Remarks: evidently lose all but outermost layer of cells - most cells in lumen as debris

No. 1-193 Date 11/6/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	18 — 59.4	
2	17 56.1	
3	16 52.8	
4	15 49.5	
5	15 49.5	
6	14 46.2	
7	17 56.1	
8	19 62.7	
9	19 62.7	
10	15 49.5	
T	544.5	
$\bar{x}$	54.4	

Sertoli Cells: seen

Remarks:

No. 1-195 Date 4/4/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testes

No. 1-196 Date VI 6/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13 — 42.9	
2		14 46.2	
3		16 52.8	
4		14 46.2	
5		15 49.5	
6		19 62.7	
7		17 56.1	
8		15 49.5	
9		16 52.8	
10		13 42.9	
T		501.6	
$\bar{x}$		50,2	

Sertoli Cells: seen

Remarks:

No. 1-201 Date Vdll/61

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	22	72.6	5	16.5
2	25	82.5	8	26.4
3	29	95.7	5	16.5
4	23	75.9	8	26.4
5				
6				
7				
8				
9				
10				
T	326.7		85.8	
$\bar{x}$	81.7		21.4	

Sertoli Cells: seen

Remarks: epithelial height 1 cell layer thick; small piece of testis

E = 16.5 μ

No. 1-204 Date 1X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	24 — 69.3	
2	20 66.0	
3	23 75.9	
4	23 75.9	
5	24 79.2	
6	23 75.9	
7	23 75.9	
8	21 69.3	
9	24 79.2	
10	24 79.2	
T	745.8	
$\bar{x}$	74.6	

Sertoli Cells: seen

Remarks:

No. 1-205 Date IX/61

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks:

E = 13.2

(2)

No. 1-206 Date IX/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testis

No. 1-207 Date IX/61

Spermatogenic Condition 9

	(3) Interstitial Cell nuclear diam.	(2) Seminiferous tubule diam.	Seminiferous epith. height
1	3 - 6.3	26 - 85.8	
2	3 6.3	26 85.8	
3	3 6.3	27 89.1	
4	3 6.3	28 92.4	
5		29 95.7	
6		27 89.1	
7		28 92.4	
8		30 99.0	
9		27 89.1	
10		29 95.7	
T		914.1	
$\bar{x}$	6.3	91.4	

Sertoli Cells: seen

Remarks: very clear slide

No. 1-209 Date 1/1/62

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	56 - 184.8	17 - 56.1
2	51 168.3	17 56.1
3	55 181.5	18 59.4
4	56 184.8	18 59.4
5	43 141.9	14 46.2
6		
7		
8		
9		
10		
T	861.3	277.2
$\bar{x}$	172.3	55.4

Sertoli Cells: not seen

Remarks:

No. 1-210 Date 1/2/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	54 - 178.2	10 - 33.0
2	56 184.8	13 42.9
3	55 181.5	10 33.0
4	42 138.6	8 26.4
5	42 138.6	14 46.2
6	43 141.9	15 49.5
7	50 165.0	11 36.3
8	44 145.2	11 36.3
9	52 171.6	10 33.0
10	57 188.1	18 59.4
T	1633.5	396.0
$\bar{x}$	163.4	39.6

Sertoli Cells: not seen

Remarks:

No. 1-212 Date 4/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: no testis

E = 26.4 μ

(4)

No. 1-214 Date 4/62

Spermatogenic Condition 2

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	70 - 231.0	9 - 29.7
2	60 198.0	11 36.3
3	59 194.7	10 33.0
4	60 198.0	15 49.5
5	66 217.8	16 52.8
6	59 194.7	14 46.2
7	63 207.9	11 36.3
8		
9		
10		
T	1442.1	283.8
$\bar{x}$	206.0	40.5

Sertoli Cells: seen

Remarks:

'ita ornata

Uta ornata

No. 48 Date 11/6/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57	13
2	60	10
3	56	9
4	56	10
5	58	12
6	48	8
7	46	10
8	46	7
9	48	15
10	46	10
T		
$\bar{x}$		

Sertoli Cells: none

Remarks:

E= 19.8

No. ~~4~~ 48 - 3 Date VIc/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	78	7
2	83	11
3	85	21
4	63	12
5	48	8
6	49	9
7	72	10
8	72	15
9	77	9
10	70	12
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks:

E = 16.5 μ (3)

No. ~~6~~ 48-4 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	67	13
2	70	15
3	50	12
4	57	10
5	60	8
6	54	9
7	50	12
8	45	6
9	60	14
10	47	9
T		
$\bar{x}$		

Sertoli Cells: none

Remarks:

E = 9.9 μ (3)

No. 48 ~~6~~-5 Date 11/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52	7
2	63	13
3	49	9
4	46	8
5	40	10
6	44	6
7	56	10
8	53	8
9	52	10
10	55	10
T		
$\bar{x}$		

Sertoli Cells: [illegible]

Remarks:

EE 1981

(3)

No. ~~6~~ 48 -6 Date VI/61

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	46	9
2	49	9
3	40	9
4	54	8
5	53	12
6	51	10
7	54	8
8	47	8
9	52	10
10	53	9
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks:

$\sigma = 23.1\mu$ (3)

No. ~~6~~ 48-7 Date 01/61

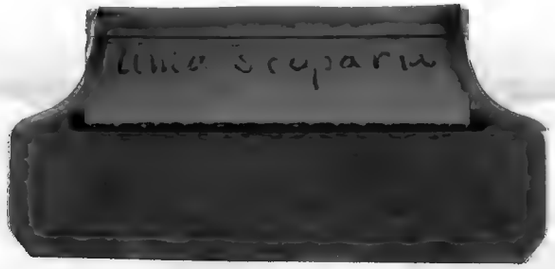
Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	50	7
2	46	10
3	40	10
4	59	11
5	45	6
6	50	5
7	39	7
8	53	10
9	46	5
10	60	13
T		
$\bar{x}$		

Sertoli Cells: seen

Remarks:

E = 13.2 μ (4)


Lima scuparia

Uma separata

No. 7-403 Date VI/61

Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: visible

Remarks:

E=13.2μ

1

No. 7-404 Date VIII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	20 — 66.0	
2	27 89.1	
3	18 59.4	
4	19 62.7	
5	17 56.1	
6	18 59.4	
7	21 69.3	
8	22 72.6	
9	24 79.2	
10	28 92.4	
T	706.2	
$\bar{x}$	70.6	

Sertoli Cells: visible

Remarks:

No. 7-4105 Date VII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	23 — 75.9	
2	26 85.8	
3	23 75.9	
4	22 72.6	
5	20 66.0	
6	21 69.3	
7	16 52.8	
8	22 72.6	
9	18 59.4	
10	18 59.4	
T	689.7	
$\bar{x}$	69.0 ~~68~~	

Sertoli Cells: visible

Remarks:

E = 19.8 μ

No. 7-410 Date VIII/61

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	26 - 85.8	
2	23 75.9	
3	28 92.4	
4	27 89.1	
5	23 75.9	
6	23 75.9	
7	26 85.8	
8	24 79.2	
9	27 89.1	
10	26 85.8	
T	834.9	
$\bar{x}$	83.5	

Sertoli Cells: visible

Remarks: some still convoluted

E = 29.7 μ

①

No. 7-412 Date VIII/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	12 — 39.6	
2	12 39.6	
3	12 39.6	
4	13 42.9	
5	13 42.9	
6	12 39.6	
7	12 39.6	
8	15 49.5	
9	13 42.9	
10	12 39.6	
T	415.8	
$\bar{x}$	41.6	

Sertoli Cells: visible

Remarks:

$\bar{x}$ = 13.2 μ

No. 7-414 Date VIII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	25 - 82.5	
2	23 75.9	
3	22 72.6	
4	19 62.7	
5	19 62.7	
6	19 62.7	
7	24 79.2	
8	24 79.2	
9	21 69.3	
10	20 66.0	
T	712.8	
$\bar{x}$	71.3	

Sertoli Cells: visible

Remarks:

E = 19.8 μ ①

P

No. 7-415 Date VIII/61

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: visible

Remarks:

$\bar{x}$ = 12.6 μ

1

No. 7-416 Date VIII/61

Spermatogenic Condition 8 (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	20 - 66.0	
2	19 62.7	
3	24 79.2	
4	22 72.6	
5	22 72.6	
6	24 79.2	
7	24 79.2	
8	23 75.9	
9	23 75.9	
10	23 75.9	
T	739.2	
$\bar{x}$	73.9 ~~74.0~~	

Sertoli Cells: visible

Remarks:

E = 16.8 μ

No. 7-417 Date VIII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	22 — 72.6	
2	24 79.2	
3	20 66.0	
4	25 82.5	
5	22 72.6	
6	25 82.5	
7	18 59.4	
8	25 82.5	
9	21 69.3	
10	29 95.7	
T	762.3	
$\bar{x}$	76.2	

Sertoli Cells: visible

Remarks: convolutions still visible

No. 7-418 Date VIII/61

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: visibly

Remarks:

E=13.2 μ

(1)

No. 2-419 Date VIII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	23 - 75.9	
2	29 95.7	
3	24 79.2	
4	22 72.6	
5	16 52.8	
6	28 92.4	
7	27 89.1	
8	27 89.1	
9	25 82.5	
10	26 85.8	
T	815.1	
$\bar{x}$	81.5	

Sertoli Cells: visible

Remarks: stain too light

E = 23.1 μ (1)

No. 7-420 Date VIII/61

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: visible

Remarks: most tubules in longitudinal section

$\bar{E}$ = 19.8 μ

No. 7-426 Date 1X/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	12 - 39.6	
2	12 39.6	
3	12 39.6	
4	14 46.2	
5	12 39.6	
6	11 36.3	
7	12 39.6	
8	11 36.3	
9	12 39.6	
10	11 36.3	
T	392.7	
$\bar{x}$	39.3	

Sertoli Cells: visible

Remarks:

E = 10.5 μ

No. 7-428 Date IX/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	22 - 72.6	
2	25 82.5	
3	19 62.7	
4	20 66.0	
5	22 72.6	
6	23 75.9	
7	21 69.3	
8	22 72.6	
9	21 69.3	
10	24 79.2	
T	722.7	
$\bar{x}$	72.3	

Sertoli Cells: visible

Remarks:

No. 7-429 Date IX/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	29 - 95.7	
2	29 95.7	
3	30 99.0	
4	26 85.8	
5	25 82.5	
6	27 89.1	
7	23 75.9	
8	25 82.5	
9	26 85.8	
10	25 82.5	
T	874.5	
$\bar{x}$	87.4	

Sertoli Cells: visible

Remarks:

$\bar{E}$ = 19.8 μ (T 6)

No. 7-430 Date 1X/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: glandular tissue but no testis

$\bar{L}$ = 13.2 μ

①

No. 7-434 Date 1/8/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	34 — 112.2	
2	31 102.3	
3	32 105.6	
4	27 89.1	
5	35 — 115.5 —	
6	33 108.9	
7	32 105.6	
8	40 132.0	
9	31 102.3	
10	47 155.1	
T	1128.6	
$\bar{x}$	112.9	

Sertoli Cells: visible

Remarks:

E = 19.8 μ (1)

No. 7-436 Date X/61

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	12 - 39.6	
2	13 42.9	
3	11 36.3	
4	12 39.6	
5	13 42.9	
6	13 42.9	
7	14 46.2	
8	12 39.6	
9	11 36.3	
10	11 36.3	
T	402.6	
$\bar{x}$	40.3	

Sertoli Cells: visible

Remarks: a few undergoing division

No. 7-437 Date X-6-61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	22 — 72.6	
2	28 92.4	
3	20 66.0	
4	20 66.0	
5	18 59.4	
6	18 59.4	
7	20 66.0	
8	18 59.4	
9	19 62.7	
10	25 82.5	
T	686.4	
$\bar{x}$	68.6	

Sertoli Cells: visible

Remarks:

$\bar{E}$ = 16.5 μ (1)

No. 7-444 Date X-1-61

Spermatogenic Condition (2) 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	17 - 56.1	
2	16 52.8	
3	15 49.5	
4	17 56.1	
5	20 66.0	
6	17 56.1	
7	16 52.8	
8	18 59.4	
9	26 85.8	
10	16 52.8	
T	587.4	
$\bar{x}$	58.7	

Sertoli Cells: seen

Remarks:

E = 9.9 μ

No. 7-445 Date X/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	46 - 151.8	9 - 29.7
2	35 115.5	12 39.6
3	36 118.8	11 36.3
4	38 125.4	11 36.3
5	37 122.1	11 36.3
6	29 95.7	8 26.4
7	29 95.7	12 39.6
8	36 118.8	11 36.3
9	38 125.4	13 42.9
10	38 125.4	15 49.5
T	1194.6	372.9
$\bar{x}$	119.5	37.3

Sertoli Cells: visible

Remarks:

E = 9.9 μ

1

No. 7-446 Date Xc/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	38. 125.4	
2	34 112.2	
3	40 132.0	
4	40 132.0	
5	33 108.9	
6	40 132.0	
7	38 125.4	
8	47 155.1	
9	42 138.6	
10	34 112.2	
T	1273.8	
$\bar{x}$	127.4	

Sertoli Cells: visible

Remarks:

E = 14.7μ

No. 7-447 Date X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	34 - 112.2	
2	33 108.9	
3	29 95.7	
4	33 108.9	
5	33 108.9	
6	30 99.0	
7	38 125.4	
8	32 105.6	
9	42 138.6	
10	28 92.4	
T	1095.6	
$\bar{x}$	109.6	

Sertoli Cells: visible

Remarks:

E = 29.7 μ

(1)

No. 7-448 Date X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	18 - 59.4	
2	18 59.4	
3	23 75.9	
4	18 59.4	
5	25 82.5	
6	23 75.9	
7	20 66.0	
8	20 66.0	
9	21 69.3	
10	21 69.3	
T	683.1	
$\bar{x}$	68.3	

Sertoli Cells: visible

Remarks:

E = 13.2 μ

1

No. 7-449 Date X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	22 — 72.6	
2	29 95.7	
3	25 82.5	
4	25 82.5	
5	20 66.0	
6	23 75.9	
7	21 69.3	
8	24 79.2	
9	23 75.9	
10	25 82.5	
T	782.1	
$\bar{x}$	78.2	

Sertoli Cells: visible

Remarks:

E = 10.5 μ (1)

No. 7-450 Date X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	18 - 59.4	
2	17 56.1	
3	26 85.8	
4	24 79.2	
5	18 59.4	
6	23 75.9	
7	21 69.3	
8	20 66.0	
9	21 69.3	
10	16 52.8	
T	673.2	
$\bar{x}$	67.3	

Sertoli Cells: visible

Remarks:

No. 7-4151 Date 1/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	28 - 92.4	
2	25 82.5	
3	25 82.5	
4	20 66.0	
5	21 69.3	
6	25 82.5	
7	28 92.4	
8	24 79.2	
9	23 75.9	
10	24 79.2	
T	801.9	
$\bar{x}$	80.2	

Sertoli Cells: visible

Remarks:

$\bar{E}$ = 9.9 μ

No. 7-452 Date X 161

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	30 - 99.0	
2	45 148.5	
3	25 82.5	
4	33 108.9	
5	37 122.1	
6	39 128.7	
7	33 108.9	
8	31 102.3	
9	30 99.0	
10	22 72.6	
T	1072.5	
$\bar{x}$	107.2	

Sertoli Cells: visible

Remarks:

No. 7-453 Date X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 - 102.3	
2	34 112.2	
3	30 99.0	
4	27 89.1	
5	31 102.3	
6	24 79.2	
7	30 99.0	
8	27 89.1	
9	38 125.4	
10	37 122.1	
T	1019.7	
$\bar{x}$	102.0	

Sertoli Cells: [illegible]

Remarks:

No. 7-454 Date X/61

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	23 - 75.9	
2	23 75.9	
3	16 52.8	
4	17 56.1	
5	14 46.2	
6	15 49.5	
7	14 46.2	
8	13 42.9	
9	18 59.4	
10	14 46.2	
T	551.1	
$\bar{x}$	55.1	

Sertoli Cells: [illegible]

Remarks:

E=13.2 μ

No. 7-955 Date X-/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	17 — 56.1	
2	23 75.9	
3	16 52.8	
4	17 56.1	
5	22 72.6	
6	21 69.3	
7	22 72.6	
8	21 69.3	
9	24 79.2	
10	29 95.7	
T	699.6	
$\bar{x}$	70.0	

Sertoli Cells: nil

Remarks:

No. 7-458 Date X/61

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	36	118.8	13	42.9
2	38	125.4	12	39.6
3	42	138.6	17	56.1
4	41	135.3	11	36.3
5	44	145.2	15	49.5
6	32	105.6	13	42.9
7	38	125.4	18	59.4
8	37	122.1	14	46.2
9	36	118.8	13	42.9
10	30	99.0	14	46.2
T		1234.2		462.0
$\bar{x}$		123.4		46.2

Sertoli Cells: visible

Remarks:

No. 7-459 Date X/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	20 - 66.0	
2	20 66.0	
3	23 75.9	
4	25 82.5	
5	20 66.0	
6	25 82.5	
7	23 75.9	
8	32 105.6	
9	20 66.0	
10	22 72.6	
T	759.0	
$\bar{x}$	75.9	

Sertoli Cells: visible

Remarks:

E = 9.9 μ (1)

No. 7-460 Date 10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	60 - 198.0	27 - 89.1
2	45 148.5	15 49.5
3	65 214.5	14 46.2
4	54 178.2	10 33.0
5	47 155.1	10 33.0
6	43 141.9	15 49.5
7	42 138.6	13 42.9
8	38 125.4	10 33.0
9	60 198.0	21 69.3
10	43 141.9	12 39.6
T	1640.1	485.1
$\bar{x}$	164.0	48.5

Sertoli Cells: visible

Remarks:

No. T-464 Date IV/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	61	201.3	17	56.1
2	74	244.2	15	49.5
3	61	201.3	23	75.9
4	58	191.4	13	42.9
5	66	217.8	10	33.0
6	70	231.0	17	56.1
7	47	155.1	9	29.7
8	65	214.5	12	39.6
9	60	198.0	22	72.6
10	65	214.5	15	49.5
T		2069.1		504.9
$\bar{x}$		206.9		50.5

Sertoli Cells: not seen

Remarks:

No. 7-466 Date 1/6/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: _____

Remarks: gland & vas deferens but no testes

E = 39.6 μ (2)

No. 7-467 Date 11/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: large piece of vas deferens - very small piece of ~~testis~~ ? tubule structure indistinct - no lumen

$\bar{c}$ = 26.4 μ

(3)

No. 7-468 Date 10d62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	56 - 184.8	15 - 49.5
2	70 231.0	22 72.6
3	60 198.0	15 49.5
4	48 158.4	10 33.0
5	60 198.0	13 42.9
6	45 148.5	13 42.9
7	50 165.0	11 36.3
8	47 155.1	13 42.9
9	63 207.9	18 59.4
10	49 161.7	11 36.3
T	1808.4	465.3
$\bar{x}$	180.8	46.5

Sertoli Cells:

Remarks:

E = 33.0 μ

(2) (5)

No. 7-469 Date IV/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 — 148.5	6 — 19.8
2	55 181.5	12 39.6
3	54 178.2	12 39.6
4	56 184.8	6 19.8
5	52 171.6	9 29.7
6	42 138.6	9 29.7
7	46 151.8	13 42.9
8	52 171.6	10 33.0
9	43 141.9	11 36.3
10	40 132.0	6 19.8
T	1600.5	310.2
$\bar{x}$	160.0	31.0

Sertoli Cells: visible

Remarks:

E = 36.3μ

No. 7-471 Date 14/62

Spermatogenic Condition 5

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	47	138.6	12	39.6
2	36	118.8	14	46.2
3	35	115.5	10	33.0
4	40	132.0	13	42.9
5	36	118.8	11	36.3
6	38	125.4	6	19.8
7	45	148.5	15	49.5
8	34	112.2	10	33.0
9	37	122.1	14	46.2
10	31	102.3	11	36.3
T		1234.2		382.8
$\bar{x}$		123.4		38.3

Sertoli Cells: visible

Remarks:

E = 8.4 μ

1

No. 7-472 Date 10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	46	151.8	15	49.5
2	52	171.6	16	52.8
3	43	141.9	13	42.9
4	48	158.4	16	52.8
5	40	132.0	15	49.5
6	51	168.3	14	46.2
7	43	141.9	10	33.0
8	37	122.1	11	36.3
9	49	161.7	15	49.5
10	62	204.6	14	46.2
T		1554.3		458.7
$\bar{x}$		155.4		45.9

Sertoli Cells: visible

Remarks:

$\sigma = 19.8\mu$

1

No. 7-474 Date 1/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 - 138.6	13 - 42.9
2	55 181.5	10 33.0
3	56 184.8	15 49.5
4	43 141.9	15 49.5
5	57 188.1	16 52.8
6	45 148.5	15 49.5
7	48 158.4	11 36.3
8	52 171.6	11 36.3
9	60 198.0	16 52.8
10	46 151.8	9 29.7
T	1663.2	432.3
$\bar{x}$	166.3	43.2

Sertoli Cells:

Remarks:

E = 16.5 μ

No. 7-476 Date 16/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	40 - 132.0	12 - 39.6
2	36 118.8	10 33.0
3	44 145.2	10 33.0
4	49 161.7	9 29.7
5	49 161.7	12 39.6
6	50 165.0	14 46.2
7	36 118.8	12 39.6
8	39 128.7	12 39.6
9		
10	49 161.7	10 33.0
T	1293.6	333.3
$\bar{x}$	143.7	37.0

Sertoli Cells: visible

Remarks:

E = 23.1 μ

No. 7-478 Date 4/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: poor slide - tubule structure abnormal, irregular shape, no lumen

No. 7-479 Date V 62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	42 - 138.6	6 - 19.8
2	47 155.1	6 19.8
3	61 201.3	13 42.9
4	65 214.5	10 33.0
5	60 198.0	8 26.4
6	63 207.9	8 26.4
7	60 198.0	12 39.6
8	55 181.5	11 36.3
9	41 135.3	8 26.4
10	54 178.2	12 39.6
T	1808.4	310.2
$\bar{x}$	180.8	31.0

Sertoli Cells: visible

Remarks:

E = 36.3 μ

3

No. 7-483 Date 11/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	56	184.8	14	46.2
2	60	198.0	10	33.0
3	62	204.6	10	33.0
4	66	217.8	16	52.8
5	63	207.9	15	49.5
6	77	254.1	12	39.6
7	75	247.5	19	62.7
8	75	247.5	17	56.1
9	62	204.6	14	46.2
10	63	207.9	12	39.6
T		2174.7		458.7
$\bar{x}$		217.5		45.9

Sertoli Cells: not seen

Remarks:

E = 26.4 μ (3)

No. 7-484 Date V/62

Spermatogenic Condition P

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57 - 188.1	5 - 16.5
2	58 191.4	11 36.3
3	59 194.7	12 39.6
4	43 141.9	11 36.3
5	53 174.9	16 52.8
6	51 168.3	12 39.6
7	50 165.0	11 36.3
8	48 158.4	15 49.5
9	53 174.9	8 26.4
10	75 247.5	15 49.5
T	1805.1	382.8
$\bar{x}$	180.5	38.3

Sertoli Cells: not seen

Remarks:

E= 19.8 μ

(4)

No. 7-485 Date 1/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	70	231.0	15	49.5
2	68	224.4	10	33.0
3	65	214.5	14	46.2
4	50	165.0	12	39.6
5	66	217.8	15	49.5
6	64	211.2	20	66.0
7	57	188.1	15	49.5
8	54	178.2	7	23.1
9	67	221.1	12	39.6
10	60	198.0	13	42.9
T		2049.3		438.9
$\bar{x}$		204.9		43.9

Sertoli Cells: not seen

Remarks:

E= 36.3μ 3

No. 7-489 Date V/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	64 - 211.2	9 - 29.7
2	64 211.2	14 46.2
3	53 174.9	13 42.9
4	64 211.2	14 46.2
5	55 181.5	10 33.0
6	65 214.5	15 49.5
7	67 221.1	10 33.0
8	58 191.4	14 46.2
9	65 214.5	6 19.8
10	59 194.7	15 49.5
T	2026.2	396.0
$\bar{x}$	202.6	39.6

Sertoli Cells: visible

Remarks:

E = 29.7 μ (3)

No. 7-491 Date V/62

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: not seen

Remarks: tissue disintegrating

No. 7-492 Date 1/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	59 - 194.7	6 - 19.8
2	52 171.6	7 23.1
3	48 158.4	5 16.5
4	46 151.8	7 23.1
5	42 138.6	5 16.5
6	39 128.7	8 26.4
7	44 145.2	8 26.4
8	46 151.8	6 19.8
9	35 115.5	10 33.0
10	55 181.5	7 23.1
T	1537.8	227.7
$\bar{x}$	153.8	22.8

Sertoli Cells: visible

Remarks:

No. 7-495 Date 1/67

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	41 - 135.3	7 - 23.1
2	62 204.6	13 42.9
3	66 217.8	12 39.6
4	55 181.5	9 29.7
5	55 181.5	14 46.2
6	74 244.2	12 39.6
7	66 217.8	17 56.1
8	51 168.3	17 56.1
9	52 171.6	13 42.9
10	60 198.0	12 39.6
T	1920.6	415.8
$\bar{x}$	192.1	41.6

Sertoli Cells: [illegible]

Remarks:

E = 13.2 μ

(4)

No. 7-500 Date 1/62

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	60 - 198.0	17 - 56.1
2	70 231.0	18 59.4
3	85 280.5	15 49.5
4	59 194.7	10 33.0
5	52 171.6	15 49.5
6	47 155.1	9 29.7
7	55 181.5	15 49.5
8	52 171.6	9 29.7
9	67 221.1	12 39.6
10	63 207.9	16 52.8
T	2013.0	448.8
$\bar{x}$	201.3	44.9

Sertoli Cells: [illegible]

Remarks:

$\bar{E}$ = 36.3μ

(4)

No. 7-502 Date 4/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: tissue torn, wrinkled, & folded

E = 16.5 μ

(4)

No. 7-504 Date 4/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	56 - 184.8	14 - 46.2
2	60 198.0	21 69.3
3	49 161.7	15 49.5
4	52 171.6	17 56.1
5	60 198.0	11 36.3
6	55 181.5	17 56.1
7	61 201.3	14 46.2
8	67 221.1	10 33.0
9	50 165.0	15 49.5
10	52 171.6	20 66.0
T	1854.6	508.2
$\bar{x}$	185.5	50.8

Sertoli Cells: visible

Remarks:

E = 23.1 μ

4

No. 7-5.06 Date VI/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	53 — 174.9	10 — 33.0
2	48 158.4	8 26.4
3	44 145.2	9 29.7
4	55 181.5	12 39.6
5	49 161.7	16 52.8
6	46 151.8	9 29.7
7	45 148.5	6 19.8
8	39 128.7	5 16.5
9	54 178.2	9 29.7
10	52 171.6	13 42.9
T	1600.5	320.1
$\bar{x}$	160.0	32.0

Sertoli Cells: visible

Remarks:

E = 33.0 μ

(3)

No. 7-5.11 Date 11/6/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	50 - 165.0	12 - 39.6
2	46 151.8	10 33.0
3	53 174.9	13 42.9
4	50 165.0	13 42.9
5	49 161.7	11 36.3
6	45 148.5	14 46.2
7	40 132.0	9 29.7
8	72 237.6	17 56.1
9	50 165.0	15 49.5
10	47 155.1	16 52.8
T	1656.6	429.0
$\bar{x}$	165.7	42.9

Sertoli Cells: not seen

Remarks:

E = 33.0 μ

3

No. 7-514 Date 11/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	52 - 171.6	13 - 42.9
2	44 145.2	10 33.0
3	64 211.2	15 49.5
4	53 174.9	12 39.6
5	50 165.0	5 16.5
6	51 168.3	5 16.5
7	50 165.0	11 36.3
8	49 161.7	15 49.5
9	50 165.0	14 46.2
10	51 168.3	11 36.3
T	1696.2	366.3
$\bar{x}$	169.6	36.6

Sertoli Cells: visible

Remarks:

E= 19.7μ

(4)

No. 7-516 Date 4/62

Spermatogenic Condition 6?

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 - 148.5	7 - 23.1
2	37 122.1	5 16.5
3	39 128.7	7 23.1
4	48 158.4	14 46.2
5	51 168.3	10 33.0
6	56 184.8	7 23.1
7	32 105.6	9 29.7
8	48 158.4	9 29.7
9	55 181.5	5 16.5
10	37 122.1	6 19.8
T	1478.4	260.7
$\bar{x}$	147.8	26.1

Sertoli Cells: visible

Remarks: abnormal tissue - tubules all separated

E = 33.0 μ

(3)

No. 7-518 Date VI/62

Spermatogenic Condition 6 ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	36 - 118.8	9 - 29.7
2	30 99.0	8 26.4
3	35 115.5	8 26.4
4	42 138.6	11 36.3
5	33 108.9	8 26.4
6	35 115.5	11 36.3
7	36 118.8	12 39.6
8	38 125.4	13 42.9
9	35 115.5	11 36.3
10	38 125.4	14 46.2
T	1181.4	346.5
$\bar{x}$	118.1	34.6

Sertoli Cells: visible

Remarks: abnormal - tubules separating

E = 16.5 μ (2)

No. 7-5.19 Date VI/62

Spermatogenic Condition (2) 6 (late)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	45 — 148.5	10 — 33.0
2	51 168.3	11 36.3
3	46 151.8	8 26.4
4	56 184.8	12 39.6
5	57 188.1	15 49.5
6	48 158.4	10 33.0
7	41 135.3	9 29.7
8	47 155.1	10 33.0
9	52 171.6	6 19.8
10	60 198.0	10 33.0
T	1659.9	333.3
$\bar{x}$	166.0	33.3

Sertoli Cells: visible

Remarks: Tubules separating

$\bar{E}$ = 29.7μ (4) (5)

No. 7-520 Date VI/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	50	165.0	10	33.0
2	51	168.3	5	16.5
3	54	178.2	14	46.2
4	33	108.9	10	33.0
5	48	158.4	10	33.0
6	50	165.0	5	16.5
7	46	151.8	15	49.5
8	50	165.0	10	33.0
9	42	138.6	8	26.4
10	51	168.3	10	33.0
T		1567.5		320.1
$\bar{x}$		156.8		32.0

Sertoli Cells: visible

Remarks: Tubules separating

No. 7-522 Date VI/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	53	174.9	12	39.6
2	50	165.0	10	33.0
3	50	165.0	8	26.4
4	61	201.3	10	33.0
5	69	227.7	17	56.1
6	46	151.8	10	33.0
7	38	125.4	10	33.0
8	65	214.5	15	49.5
9	49	161.7	12	39.6
10	55	181.5	5	16.5
T		1768.8		359.7
$\bar{x}$		176.9		36.0

Sertoli Cells: visible

Remarks: tubules separating

E = 26.4 μ (3)

No. 7-523 Date VI/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	58 - 191.4	10 - 33.0
2	59 194.7	12 39.6
3	78 257.4	10 33.0
4	48 158.4	15 49.5
5	48 158.4	20 66.0
6	49 161.7	12 39.6
7	56 184.8	10 33.0
8	67 221.1	13 42.9
9	56 184.8	11 36.3
10	48 158.4	11 36.3
T	1871.1	409.2
$\bar{x}$	187.1	40.9

Sertoli Cells: visible

Remarks: Tubules separating

E = 33.0 μ (3) (5)

No. 7-5.24 Date 4/6/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	64 - 211.2	10 - 33.0
2	51 168.3	10 33.0
3	52 171.6	9 29.7
4	72 237.6	12 39.6
5	61 201.3	11 36.3
6	56 184.8	11 36.3
7	48 158.4	13 42.9
8	65 214.5	11 36.3
9	53 174.9	11 36.3
10	48 158.4	12 39.6
T	188.1	363.0
$\bar{x}$	188.1	36.3

Sertoli Cells: visible

Remarks: Tubules separating

E = 42.9

4

No. 7-5.25 Date 1/10/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	60	198.0	12	39.6
2	47	155.1	10	33.0
3	59	194.7	11	36.3
4	48	158.4	9	29.7
5	66	217.8	10	33.0
6	51	168.3	12	39.6
7	47	155.1	8	26.4
8	45	148.5	12	39.6
9	45	148.5	15	49.5
10	54	178.2	15	49.5
T		1722.6		376.2
$\bar{x}$		172.3		37.6

Sertoli Cells: visible

Remarks: tubules separating

No. 7-529 Date VII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25 — 82.5	
2	25 82.5	
3	18 59.4	
4	21 69.3	
5	20 66.0	
6	21 69.3	
7	24 79.2	
8	22 72.6	
9	17 56.1	
10	23 75.9	
T	712.8	
$\bar{x}$	71.3	

Sertoli Cells: visible

Remarks: intertubular spaces filled with blood cells

E = 19.8 μ debris

No. 7-531 Date VII/62

Spermatogenic Condition 8 ?

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	14 — 46.2	
2	16 52.8	
3	13 42.9	
4	11 36.3	
5	14 46.2	
6	15 49.5	
7	17 56.1	
8	15 49.5	
9	13 42.9	
10	16 52.8	
T	475.2	
$\bar{x}$	47.5	

Sertoli Cells: visible

Remarks: probably didn't breed this year although aussinfas and (82 mm)

$\bar{E}$ = 13.2 μ (1)

No. 7-3-35 Date Vol/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	15 — 49.5	
2	14 46.2	
3	18 59.4	
4	15 49.5	
5	20 66.0	
6	15 49.5	
7	15 49.5	
8	17 56.1	
9	17 56.1	
10	23 75.9	
T	557.7	
$\bar{x}$	55.8	

Sertoli Cells: visible

Remarks: small piece of tissue

No. 7-5.36 Date VII/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: gland but no testis

E= 9.9 μ

(1)

No. 7-537 Date VII/62

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	12 - 39.6	
2	18 59.4	
3	16 52.8	
4	16 52.8	
5	14 46.2	
6	15 49.5	
7	13 42.9	
8	13 42.9	
9	15 49.5	
10	16 52.8	
T	488.4	
$\bar{x}$	48.8	

Sertoli Cells: visible

Remarks:

No. 7-539 Date VII/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells:

Remarks: no testes

E = 6.3 μ

(1)

No. 7-541 Date VII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	24 - 79.2	
2	24 79.2	
3	21 69.3	
4	22 72.6	
5	18 92.4	
6	22 72.6	
7	21 69.3	
8	22 72.6	
9	22 72.6	
10	23 75.9	
T	755.6	
$\bar{x}$	75.6	

Sertoli Cells: visible

Remarks:

No. 2-543 Date VII/62

Spermatogenic Condition 7 +

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: visible

Remarks:

C = 26.4 μ

1

	Internodal Cell under diam.	Sectional area tubule lines.	Semilatrous epith. tubule
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
M			

No. 7-545 Date VII/62

Spermatogenic Condition 7

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	34 - 112.2	6 - 19.8
2	33 108.9	5 16.5
3	27 89.1	6 19.8
4	32 105.6	9 29.7
5	43 141.9	10 33.0
6	31 102.3	6 19.8
7	31 102.3	4 13.2
8	35 115.5	8 26.4
9	31 102.3	5 16.5
10	35 115.5	7 23.1
T	1095.6	217.8
$\bar{x}$	109.6	21.8

Sertoli Cells: visible

Remarks: tubules beginning to pull away from basement membrane

E = 19.8 μ

3

No. 7-546 Date 6/16/62

Spermatogenic Condition 7+

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29 - 95.7	
2	29 95.7	
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$	95.7	

Sertoli Cells: visible

Remarks: lumen indistinguishable some 7+

E= 23.1 μ

(2)

No. 7-549 Date 4/4/62

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	17. — 56.1	
2	18 59.4	
3	15 49.5	
4	14 46.2	
5	14 46.2	
6	18 59.4	
7	17 56.1	
8	15 49.5	
9	16 52.8	
10	21 69.3	
T	544.5	
$\bar{x}$	54.4	

Sertoli Cells: invisible

Remarks:

No. T-560 Date VIII/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	18 – 59.4	
2	18 59.4	
3	19 62.7	
4	19 62.7	
5	19 62.7	
6	22 72.6	
7	20 66.0	
8	22 72.6	
9	18 59.4	
10	19 62.7	
T	640.2	
$\bar{x}$	64.0	

Sertoli Cells: visible

Remarks: hematoxylin too light

E = 19.8 μ

No. 7-561 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height
1	18.-	59.4	
2	22	72.6	
3	14	46.2	
4	17	56.1	
5	17	56.1	
6	17	56.1	
7	22	72.6	
8	17	56.1	
9	22	72.6	
10	21	69.3	
T		617.1	
$\bar{x}$		61.7	

Sertoli Cells: visible

Remarks:

$\bar{x}$ = 23.1 μ

(1)

No. 7-562 Date VII/62

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 – 75.9	
2		26 85.8	
3		23 75.9	
4		23 75.9	
5		25 82.5	
6		19 62.7	
7		25 82.5	
8		24 79.2	
9		26 85.8	
10		32 105.6	
T		811.8	
$\bar{x}$		81.2	

Sertoli Cells: visible

Remarks:

$\bar{E}$ = 26.4 μ

1

No. 7-562 A Date VIII/62

Spermatogenic Condition _____

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
$\bar{x}$		

Sertoli Cells: _____

Remarks: all connective tissue ?

No. 7-566 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	~~22~~ 72.6	
2	24 79.2	
3	23 75.9	
4	21 69.3	
5	21 69.3	
6	24 79.2	
7	28 92.4	
8	23 75.9	
9	26 85.8	
10	23 75.9	
T	775.5	
$\bar{x}$	77.6	

Sertoli Cells: visible

Remarks:

E = 16.5 μ (1)

No. 7-568 Date VIII/62

Spermatogenic Condition

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	17 - 56.1	
2	15 49.5	
3	17 56.1	
4	16 52.8	
5	18 59.4	
6	16 52.8	
7	15 49.5	
8	15 49.5	
9	15 49.5	
10	20 66.0	
T	541.2	
$\bar{x}$	54.1	

Sertoli Cells: visible

Remarks:

E=9.9 μ

(1)

No. 7-569 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	28 — 75.9	
2	26 85.8	
3	19 62.7	
4	24 79.2	
5	24 79.2	
6	21 69.3	
7	19 62.7	
8	18 59.4	
9	20 66.0	
10	20 66.0	
T	706.2	
$\bar{x}$	70.6	

Sertoli Cells: visible

Remarks: E

E = 19.8 μ

1

No. 7-570 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	18 — 59.4	
2	20 66.0	
3	20 66.0	
4	18 59.4	
5	17 56.1	
6	17 56.1	
7	18 59.4	
8	18 59.4	
9	24 79.2	
10	18 59.4	
T	620.4	
$\bar{x}$	62.0	

Sertoli Cells: visible

Remarks:

$\bar{E}$ = 18.2 μ

No. 7-5.71 Date VIII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	24 79.2	
2	26 85.8	
3	25 82.5	
4	29 95.7	
5	25 82.5	
6	21 69.3	
7	23 75.9	
8	25 82.5	
9	20 66.0	
10	26 85.8	
T	805.2	
$\bar{x}$	80.5	

Sertoli Cells: visible

Remarks: convolutions still visible

No. 7-5.76 Date 1X/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	20 — 66.0	
2	24 79.2	
3	19 62.7	
4	18 59.4	
5	24 79.2	
6	21 69.3	
7	21 69.3	
8	19 62.7	
9	26 85.8	
10	22 72.6	
T	706.2	
$\bar{x}$	70.6	

Sertoli Cells: visible

Remarks:

No. 7-578 Date IX/62

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	38 125.4	
2	35 115.5	
3	32 105.6	
4	39 128.7	
5	31 102.3	
6	33 108.9	
7	28 92.4	
8	35 115.5	
9	32 105.6	
10	40 132.0	
T	1131.9	
$\bar{x}$	113.2	

Sertoli Cells: visible

Remarks:

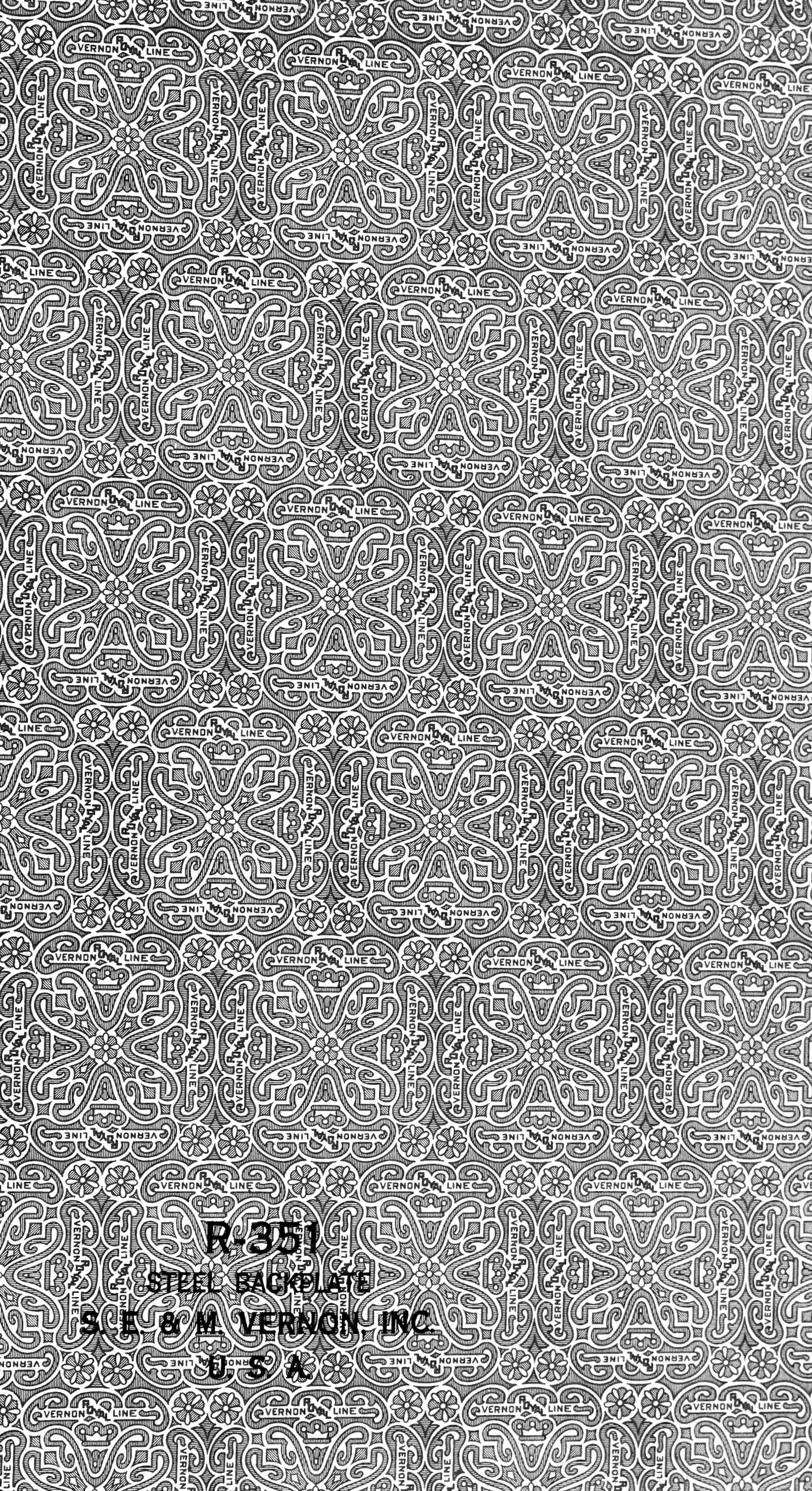
E = 23.1 μ

①

Interstitial Cell Nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height

Sertoli Cells:

Remarks: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